BILL NO. S-75-12-58

SPECIAL ORDINANCE NO. S-15-76

AN ORDINANCE approving a contract with DEEDS EQUIPMENT COMPANY, INC. for materials for Water Pollution Control Maintenance Department

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That the contract dated December 8, 1975, between the City of Fort Wayne, by and through its Mayor and the Board of Public Works and DEEDS EQUIPMENT COMPANY, INC., for:

1 Catch Basin Cleaner - Mounted on new 1974 Ford Model CT 900 Truck

Less Trade Ins: $43,189.00

all as more particularly set forth on City Utilities Purchase Order No. 7409, which is on file in the Office of the Department of Purchasing and is by reference incorporated herein, made a part hereof and is hereby in all things, ratified, confirmed and approved.

SECTION 2. This Ordinance shall be in full force and effect from and after its passage and approval by the Mayor.

Councilman

APPROVED AS TO FORM AND LEGALITY,

CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by Hinga, and duly adopted. read the second time by title and referred to the Committee on City Utilities ~~(and the City Plan Commission for recommendation)~~ and Public Hearing to be held after due legal notice, at the ~~Council Chambers~~, City-County Building, Fort Wayne, Indiana, on _____, the _____ day of _____, 197_____, at _____ o'~~clock P.M.,E.S.T.~~

Date: 12-23-75 _____ CITY CLERK

Read the third time in full and on motion by Burns, seconded by Hinga, and duly adopted, placed on its passage. Passed (~~LOST~~) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT
TOTAL VOTES	9	0			
BURNS	✓				
HINGA	✓				
HUNTER	✓				
MOSES	✓				
NUCKOLS	✓				
SCHMIDT, D.	✓				
SCHMIDT, V.	✓				
STIER	✓				
TALARICO	✓				

DATE: 1-13-76 _____ CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (~~Zoning Map~~) (~~General~~) (Annexation) (Special) (~~Appropriation~~) Ordinance (~~Resolution~~, No. G-15-76 on the 13th day of January, 1976.

ATTEST: (SEAL)

_____ CITY CLERK _____ PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 14th day of January, 1976, at the hour of 11:08 o'clock A. M.,E.S.T.

_____ CITY CLERK

Approved and signed by me this 14th day of January, 1976, at the hour of 3:00 o'clock P. M.,E.S.T.

_____ MAYOR

Bill No. S-75-12-58

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance approving a contract with DEEDS EQUIPMENT COMPANY, INC. for materials for Water Pollution Control Maintenance Department

have had said Ordinance under consideration and beg leave to report back to the Common Council that said Ordinance DO PASS.

Paul M. Burns - Chairman

John Nuckols - Vice-Chairman

William T. Hinga

Fredrick R. Hunter

Samuel J. Talarico

THE CITY OF FORT WAYNE
board of public works

December 12, 1975

THE COMMON COUNCIL
Fort Wayne, Indiana

Gentlemen and Mrs. Schmidt:

The Board of Public Works respectfully requests "Prior Approval" for Purchase Order No. 7409 to Deeds Equipment Company, Inc. in amount of $43,189.00.

Due to a 5% price increase effective January 2, 1976 it is requested the order be released.

An Ordinance will be introduced in Council for formal approval on December 23, 1975.

Sincerely,

J. D. Boswell

Dr. Jerry D. Boswell
Chairman
Board of Public Works

JDB:tg

MEMBERS OF THE COMMON COUNCIL

cc: Mayor Ivan A. Lebamoff
Charles W. Westerman

ATTEST: Charles W. Westerman
Charles W. Westerman, City Clerk

CITY OF FORT WAYNE
CITY UTILITIES

DEPARTMENT OF PURCHASES
ROOM 950 CITY—COUNTY BUILDING
NUMBER ONE EAST MAIN STREET
FORT WAYNE, INDIANA 46802

ORIGINAL
PURCHASE ORDER NO. 74091

This number must appear on each p
ags, packing slip, invoice, bill of lad
express receipt and correspondence.

DATE December 8, 1975

Deeds Equipment Co., Inc.
8015 E. 45th Street
Lawrence, Indiana 46226

SHIP TO —

W.P.C. Maint.
445 E. Wallace St.
Fort Wayne, Indiana

MAIL ALL INVOICES TO —
CITY UTILITIES
GENERAL ACCOUNTING
4th FLOOR CITY—COUNTY BUILDING
NUMBER ONE EAST MAIN STREET
FORT WAYNE, INDIANA 46802
INVOICE IN DUPLICATE, INCLUDING CERTIFICATION AS REQUIRED BY INDIANA STATE BOARD OF ACCOUNTS

QUANTITY RECEIVED	QUANTITY ORDERED	DESCRIPTION	ACC'T. OR W.O. NO.	UNIT PRICE	TOTAL
	1	Catch Basin Cleaner - Vactor Model #400 - Mounted on a new 1974 Ford Model CT900 truck			43,989.00
		Less Trade-ins:			
		1 - I.H. Co. Model F180 Eductor - Unit 178			
		1 - I.H. Co. Model F180 Eductor - Unit 183		Less	1,800.00
		Note: Front wheel tires subject to change to larger size, if required, at no charge.			$43,189.00
		Net 30 days			
		F.O.B. - Delivered			
		Ship - 10 days R A.R.O.			
		Per your letter quote & Specifications dated 12/2/75.			
		SUBJECT TO COUNCILMANNIC APPROVAL			
		JEK/bn #382			

ATTENTION!
Send all invoices to General Accounting
4th Floor City-County Bldg.
1 E. Main St.
Fort Wayne, Indiana 46802
Show P.O. Number on Packing Slip

NOTE: TERMS OF PAYMENT MUST BE SHOWN ON FACE OF INVOICE. OTHERWISE CASH DISCOUNT MAY BE TAKEN

BY C. N. Demerly
CITY UTILITIES PURCHASING AGENT

SUBJECT TO CONDITIONS ON REVERSE SIDE

Memorandum

To Dr. Jerry D. Boswell Date 12/9/75

From Mort Mendel

Subject PURCHASE ORDER #7409 - VACTOR MODEL #400

COPIES TO:

File

Attached is a purchase order for a VACTOR Model #400 Catch Basin Cleaner and Truck, for which we seek Common Council prior approval for Water Pollution Control Maintenance Department.

About a year ago, after extensive evaluation of the VACTOR and a competitive model "VAC-ALL" we recommended and the Board of Works and the Common Council approved purchase of the initial VACTOR unit based on both demonstrated performance and price. The VACTOR was selected primarily because, in addition to performance characteristics reducing the average catch basin cleaning time by over 150%, the cleaning mechanism was mounted on the front of the vehicle (rather than rear-mounted, as is the case with VAC-ALL), permitting ease of vehicle positioning in alleys when catch basins are located in the center of the alley, protection for crew members from oncoming traffic while cleaning catch basins in street right-of-way (body of truck between traffic and operators instead of exposed to oncoming traffic from the rear as is the case with the rear-mounted VAC-ALL), and continued operation with 2-man crew, as is the case with the outmoded eductor slurry catch basin cleaners, which we are obsoleting and trading in for the new single VACTOR unit.

VACTOR catch basin cleaning productivity is such that the purchase of this single second unit would permit overall productivity greater than previously experienced with two 2-man eductor units, both of which have been rusted out and out-of-service, and which are being phased out and traded for the VACTOR unit, as stated above.

The Purchasing Department informs me that the dealership for VAC-ALL unit was contacted, but the dealership could not arrange a demonstration of a front-mount design unit, and the dealership has not submitted a quote on a front-mount unit as of this date. Also, we prefer to standardize VACTOR units in the department, since performance has been very satisfactory, and unit standardization simplifies operator training and flexibility.

We therefore solicit your approval and expediting action for Common Council prior approval.

Memorandum

To Mr. M. Mendel / Dr. J. Boswell Date 12-8-75

From A.T. Demetroff - Director of Purchasing

Subject (1) Catch Basin Cleaner for W.P.C. Maint. Dept.

COPIES TO:

Attached is P.O. #7409 - to:

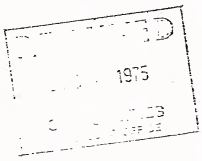
Deeds Equipment - for:
(1) Vactor Model #400 with 1974 new Ford Model CT900 truck - at $43,989.00 less trade-ins - $1,800.00 equals $43,189.00 total net.

This unit was selected over a simular model (newer: - a 1975 at $3,000.00 more) because of the savings and because the 1974 exceeds our specifications asked for. Also the truck is heavier duty.

The 1974 truck has been reviewed by W.P.C. Maintanance and approved.

There will be a 5% price increase effective 1-2-76 on the Vactor portion of this quote or an additional savings of $1,108.35 by purchasing before 1-2-76.

Delivery on the 1975 unit would be 90 days whereas on the 1974 unit 10 days A.R.O.



DEEDS EQUIPMENT COMPANY, INC.
LAWRENCE, INDIANA • CONSTRUCTION AND ROAD EQUIPMENT

Please Reply To
8015 E. 45th Street
Lawrence, Indiana 46226
Indianapolis Phone 545-3331

December 2,1975

Mr. Alexi Demetroff
Fort Wayne Purchasing
4th Floor, City-County Bldg.
Fort Wayne, Indiana

Dear Mr. Demetroff:

At your request, we are pleased to submit the following quote on one Vactor Model 400.

The price for this unit mounted on a new 1975 Ford Model CT800 truck, in accordance with the following specifications, is $46,989.00.

CAPACITY
16.5 Cu. Yd. usuable capacity.

BODY MATERIAL
Double Wall - outer wall 10 gauge, inside wall 12 gauge with 3" I beam frame, reinforced.

BODY LENGTH
10'8" Maximum - overall.

BODY WIDTH
93" Minimum - overall.

BODY HEIGHT
80.3/8 Minimum - overall.

DUST CONTROL
Expansion and centrifugal separator permanently mounted inside vacuum box.

BODY AND FRAME
Body shall be constructed of 3" I beams spaced on 16" centers. Outer wall shall be no less than 10 gauge steel. Inner wall shall be no less than 12 gauge steel plug-welded to I beam. 7" 14.75 lb. structural hoist frame channel permanently attached to floor cross members.

Floor to be 3/16 steel. Fan and power unit support frame shall be of 6" channel cantilevered out from 6" I beams, placed vertically on front box panel and supported rigidly, top and bottom, Door hinges are to be four in number and shall be attached to a 5" channel which forms the rear top frame of body.

BODY HOIST
Shall be twin out mount, telescopic cylinder type, multi-stage. Base cylinder shall have a minimum inside diameter of 5" with three active stages. The hoist shall be rated at a minimum capacity of 17 tons. Dump angle 50° minimum.

HYDRAULIC PUMP
The hydraulic pump is to be mounted directly to the power take-off with a spline shaft drive. The hydraulic pump to power the body hoist and highpressure water system is to be a minimum 20 gal. per minute capacity at 1000PSI and 1200 RPM. The pump, rotor shaft shall be supported by ball or roller bearings. The pump and power take-off controls shall be mounted in the truck's cab within easy reach of the driver and operated by means of a sheathed rust resistant wire cable. The hydraulic system to have pressure relief valve pre-set at factory at 1500 PSI.

COMPRESSOR POWER
The compressor power unit shall be a 6 cylinder 300 cu. in. Ford or equivalent rated at 95 horsepower at 2600 RPM. The engine shall be of l-head design with a minimum displacement of 264 cu. in. It shall have as standard equipment a tropical radiator, automatic choke and an electric fuel pump and filter located adjacent to the fuel tank.

REAR DISCHARGE DOOR
One piece, minimum width 90". Minimum height shall be no less than 72". It shall be a minimum of 3-3/8" thick and fully enclosed, sandwich type construction with internal re-inforcing I beams spaced on 16" centers. It shall be completely air and water tight. Four top hinges attached permanently to the door will be furnished. (A hydraulic door lock mechanism shall be provided to maintain a positive seal when the unit is used as a flusher.) A formed seal retainer shall be externally bolted to the four sides. The retainer shall have provisions for adjusting and the seal itself shall be a rubber compression seal.

= full capacity - 16 cu. yds.

DUST CONTROL SYSTEM
The dust control system shall no use metal perforated filters, bags or water to remove particles from the air. The system shall be an expansion and centrifugal separating system. The system shall be located in the front of the vacuum box and when in operation shall be capable of removing particles larger than 50 microns in diameter. A small dust box with separate access door, is to be located at the lower left-hand front corner of the vacuum box. Operator shall not be required to enter the vacuum box to clean dust control system.

COMPRESSOR DRIVE
The compressor drive shall be a Helical gear step-up drive with a 1.4 ratio. Drive is to attach directly to a rotor shaft of compressor without the use of multiple stage V-belts. The gear train is to operate in an oil bath at all times. The step-up drive is to be attached to the engine housing and separated from the engine drive train by a heavy duty twin 13" disc clutch and transmission.

CENTRIFUGAL COMPRESSOR
The centrifugal compressor shall be a minimum 38" diameter tapered wheel. The fan blades are to be of anodized cast aluminum. The outer compressor housing is to be spun from one piece of ¼" steel. The compressor will deliver air at the rate of 2400 CFM at an operating pressure of 90 inches of water at 3500 RPM. The compressor shall be permanently mounted on the vacuum box. The compressor and body shall not separate while vacuum box is in raised position.

PICK UP HOSE
Shall be 8" in diameter and 15½ ft. in length. The upper 7½' shall be wirereinforced rubber hose. The ends to be secured by 8" flanges and collars. The lower 5'6" to wire reinforced rubber hose.

REMOTE CONTROL
Shall consist of a pushbutton control station attached by an electric cable to a hydraulic Solonoid Valve for raising, swinging and lowering boom assembly. The control shall stop or start boom in any position within limits of cylinder. Remote control shall be adequate for one man operation from pick up hose to controlhandle.

BOOM CONTROL PUMP
The boom hydraulic cylinder shall be powered by a chassis engine.

HYDRAULIC BOOM TILT CAB, EXTENDABLE
A single acting hydraulic lift cylinder shall be used to actuate an 84" hinged boom. The boom shall have an additional slave cylinder to give 18" telescoping boom action on the upper 30° lift boom. The boom shall rotate 120 degrees to allow pick up directly in front of, to the right of and to the left of the front bumper. The vertical shall be 12' min. overall beside the cab, and 7½ ft.above cab level. Power to operate cylinders is to be funished by a hydraulic pump powered by chassis engine.

HIGH PRESSURE WATER SYSTEM
The pump shall be of high pressure approved piston type and shall deliver 10 gallons of water per minute at a maximum of 700 PSI at 600 RPM. The pump shall be driven by a hydraulic motor by meansof flexible coupling. A quick disconnect coupling shall be furnished and attached to the front truck bumper support. A variable controlled jetting nozzle with 9' of high pressure hose and a quick coupler shall be furnished to deliver water to the area served by the intake nozzle. Water tank shall be 250 gallons minimum capacity.

BODY DRAIN
Shall be of 5" I.D. wrought pipe. Drain outlet in front corner of vacuum box. Drain to be elevated above floor and be protected by heavy gauge perforated sheet steel. Drain to have quick opening valve with length of hose for release of liquid.

CATCH BASIN CLEANING NOZZLE
8" diameter, 78" long of aluminum with 8" rolled iron flange at one end and a serrated steel band on opposite end. A quick disconnect hinged control handle that will buckle on pipe or nozzle in any position shall be furnished. Nozzle shall attach to pick up hose by means of a quick clamp without use of guide pins or wires.

Accessories to be furnished with unit shall include one 3', one 5' and one 7½' length of aluminum, double flanged pipe and three extra

quick clamps. Also the unit is to be equipped with a body load limit indicator.

Truck specifications shall be as follows:

47,100 lb. GVWR

161 Inch W.B., 134 Inch C.A.

391 V8 engine.

15,000 lb. Front Axle w/6,800 lb. springs.

34,000 lb. Eaton Rear Axle w/15,500 lb. springs.

12 cu. ft. compressor.

Front Wheel Limiting Valve.

Parking Brake - spring set.

Frame reinforcement, 34.89 S.M.

50 Gallon L.H. Fuel Tank.

Power Steering.

Allison M.T. 650 Auto-Transmission.

Heavy Duty Vinyl Trim.

Full Width Seat.

42 Amp Alternator.

Tachometer.

Full Air Brakes.

Fresh Air Heater.

Dual Western Mirrors.

2 - 12:00 x 20, 16 PR Front Tires.

8.0 Front Rims, Cast Spoke Wheels.

8 - 10:00 x 20, 12 PR Mud and Snow Rear Tires.

7.5 Rear Rims, Cast Spoke Wheels.

The price for this unit mounted on a new 1974 Ford Model CT 900 truck is $43,989.00. The following specifications are on the 1974 Ford truck.

52,000 G.V.W.R.

161 inch W. B. 134 inch C. A.

534--V 8 engine.

15,000 lb. Front axle w/6800 lb. springs.

38,000 lb. Eaton Rear Axle w/15,000 lb. springs.

12 cu. ft. compressor.

Front Wheel Limiting Valve.

Parking Brake - Spring Set.

Frame reinforcement, 34.89 S.M.

75 gallon L. H. Fuel tank.

Power steering.

Allison M.T. 650 Auto-Transmission.

Heavy Duty Vinyl trim.

Drivers seat & Pass. seat.

70 amp alternator.

Tachometer.

Full air brakes.

Fresh air heater.

Dual western mirrors.

2 - 11:00 x 20, 14 P. R. Front Tires.

8.0 Front rims, cast spoke wheels.

8 - 10:00 x 20, 12 P.R. hi mileage rear tires.

7.5 rear rims, cast spoke wheels.

Delivery on this unit would be 90 days on a new truck or 10 days on the unit mounted on new 1974 truck.

We would allow you $1800.00 trade-in on your 2 Eductors.

Sincerely, TOTAL DATE 178 IHC F180 MODEL
" 183

Don Evans

Don Evans, Sales Representative
Deeds Equipment Co., Inc.

DE/js

- 3,000.00 Diff.
1935 V/S 1974
CT700 — CT900

DIGEST SHEET

TITLE OF ORDINANCE: Special Ordinance No. 3018 S-75-12-58

DEPARTMENT REQUESTING ORDINANCE: Board of Public Works

SYNOPSIS OF ORDINANCE: Covers proposed purchase of one (1) catch basin cleaner Vactor unit for Water Pollution Control Maintenance Department on City Utilities Purchase Order No. 7409 in amount of $43,189.00.

Attachment: "Prior Approval"
Purchase Order No. 7409

EFFECT OF PASSAGE: Replaces two (2) out-of-service units and permits greater productivity of catch basin cleaning.

EFFECT OF NON-PASSAGE: Necessary for efficient performance of the Water Pollution Control Maintenance Department.

MONEY INVOLVED (Direct Costs, Expenditures, Savings): City Utilities in amount of $43,189.00.

ASSIGNED TO COMMITTEE (J.N.): City Utilities